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Date January 22, 2004 Client-Matter 53951.055

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Please find enclosed a Petition for Extension of Time Under 37 CFR 1.136(a).

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PTO/SB/21 (08-03)


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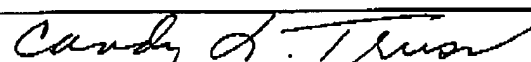
<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	10/037,429
	Filing Date	January 4, 2002
	First Named Inventor	Jeffrey H. Burbank
	Art Unit	2856
	Examiner Name	Frank, Rodney T.
Total Number of Pages in This Submission	Attorney Docket Number	53951.055

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks <p style="font-size: 1.5em; text-align: center;">           → 26 PAGES TOTAL            { • 1 TRANSMITTAL              • 1 TIME EXTENSION              • 24 AMENDMENT         </p>		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	MARK A. CATAN, Reg. No. 38,720		
Signature			
Date	January 22, 2004		

## CERTIFICATE OF TRANSMISSION/MAILING

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Typed or printed name	Candy L. Truss		
Signature		Date	January 22, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Inventor: BURBANK, et al.

Serial No.: 10/037,429

Filed: January 4, 2002

For: METHOD AND APPARATUS FOR LEAK  
DETECTION IN BLOOD CIRCUITS  
COMBINING EXTERNAL FLUID  
DETECTION AND AIR INFILTRATION  
DETECTION

Group Art Unit: 2856

Examiner: WIGGINS, John  
David

Atty. Docket: 53951-055

RESPONSE TO OFFICE ACTION

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir/Madam:

In response to the Office Action mailed 11/24/2003, for which a shortened statutory period for response EXPIRED 12/24/2003, and for which a request for extension of time is filed concurrently with this amendment, please the enter the following provisional species election and amendments to the claims, and consider the attending remarks.

CERTIFICATE OF TRANSMISSION

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Date of Transmission

January 22, 2004

Candy L. Truss / Candy L. Truss

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## SUMMARY

The Office Action requires the provisional election of one of four species.

- Species I, corresponding to the embodiment of Fig. 1,
- Species II, corresponding to the embodiment of Fig. 2,
- Species III, corresponding to the embodiment of Fig. 4, and
- Species IV, corresponding to the embodiment of Fig. 6.

Applicants, while traversing the assertion by the Examiner that there are currently no generic claims, hereby make provisional election of Species I. Note that claims 3, 5, 12, 17, 18, 20, 25, 38, 39, 47, 60, 61, 65, 66, 67, 69, 70, 74, 75, 76, 78, 79, 81, 82 are generic.

The following table shows the correspondence between the claims and the species.

Claims	Species I	Species II	Species III	Species IV	Basis
3, 5, 12, 17, 18, 20, 25, 38, 39, 47, 60, 61, 65, 66, 67, 69, 70, 74, 75, 76, 78, 79, 81, 82	X	X	X	X	Generic to all embodiments
13, 14, 19, 40, 42, 62, 80		X	X	X	Recite flow reversing
15, 68, 72, 73, 83	X			X	Recite liquid sensor inside housing

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63, 64				X	Recite flow reversing AND liquid sensor inside housing
71, 72	X				Recite reversing pump